



SEQUENCE LISTING for PCTSE2003001077-06.6.30
SEQUENCE LISTING

<110> ~~IP~~ Genomax Company Ltd
<120> Randomised DNA libraries and double-stranded RNA libraries, use and method of production thereof

<130> P06031PC00
<140> PCT/SE2003/001077
<141> 2003-06-23
<150> US 60/390,108
<151> 2002-06-21
<160> 45
<170> PatentIn version 3.1

<210> 1
<211> 29
<212> DNA
<213> Artificial Sequence

<220>
<223> primer
<400> 1
ggaattcgaa cgctgacgtc atcaaccgcg

29

<210> 2
<211> 35
<212> DNA
<213> Artificial Sequence

<220>
<223> primer
<400> 2
gaagatctgt ctcatcacaga acttataaga ttccc

35

<210> 3
<211> 500
<212> DNA
<213> Artificial Sequence

<220>
<221> misc-feature
<222> (7) : (7)
<223> n=a, "t", "c", or "g"
<221> misc-feature
<222> (9) : (9)
<223> n=a, "t", "c", or "g"
<400> 3

tccaggnanc gcgggcccag tgtcactagg cggggaacacc cagcgcgcgt gcgccctggc 60
aggaagatgg ctgtgaggga caggggagtg gcgccctgca atatttgcac gtcgctatgt 120
gttctgggaa atcaccataa acgtgaaatg tctttggatt tgggaatctt ataagttctg 180
tatgagacag atcttcaata ttggccatta gccatattat tcattgggta tatagcataa 240
atcaatattg gctattggcc attgcatacg ttgtatctat atcataatat gtacatttat 300
attggctcat gtccaatatg accgccatgt tggcattgat tattgactag ttattaatag 360
taatcaatta cggggtcatt agttcatagc ccattatggg agttccgcgt tacataaact 420
acggtaaatg gccgcctgg ctgaccgccc aacgaccccc gccattgac gtcaataatg 480
acgtatgttc ccatagtaac 500

<210> 4

SEQUENCE LISTING for PCTSE2003001077-06.6.30

<211> 38
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> primer
 <400> 4
 acgcgtcgac gaattcgaac gctgacgtca tcaacccg 38

<210> 5
 <211> 36
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> primer
 <400> 5
 cccaagcttg tctcatcacag aacttataag attccc 36

<210> 6
 <211> 50
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> oligo DNA
 <400> 6
 ggggaagatc taaaaaaataaatgaatcaa gaacattttt aagcttgggg 50

<210> 7
 <211> 50
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> oligo DNA
 <400> 7
 cccaagctt aaaaatgttc ttgattcatt tattttttta gatcttcccc 50

<210> 8
 <211> 50
 <212> DNA
 <213> Artificial Sequence
 <220>
 <221> misc-feature
 <222> (17)...(35)
 <223> n= a, "t", "c", or "g"
 <400> 8
 ggggaagatc taaaaannnn nnnnnnnnnn nnnnnntttt aagcttgggg 50

<210> 9
 <211> 51
 <212> DNA
 <213> Artificial Sequence
 <220>
 <221> misc-feature
 <222> (17)...(36)
 <223> n= a, "t", "c", or "g"
 <400> 9
 ggggaagatc taaaaannnn nnnnnnnnnn nnnnnntttt taagcttggg g 51

<210> 10
 <211> 52
 <212> DNA
 <213> Artificial Sequence
 <220>
 <221> misc-feature

SEQUENCE LISTING for PCTSE2003001077-06.6.30

<222> (17)...(37)
 <223> n= a, "t", "c", or "g"
 <400> 10
 ggggaagatc taaaaannnn nnnnnnnnnn nnnnnnttt ttaagcttgg gg 52

 <210> 11
 <211> 15
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> primer
 <400> 11
 cccaagctt aaaaa 15

 <210> 12
 <211> 19
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> 19 base pair clone
 <400> 12
 aaagggttta cgtggttg 19

 <210> 13
 <211> 19
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> 19 base pair clone
 <400> 13
 aatcgtctta tttgcatgc 19

 <210> 14
 <211> 19
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> 19 base pair clone
 <400> 14
 aattgacatg tgagcttg 19

 <210> 15
 <211> 19
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> 19 base pair clone
 <400> 15

 <210> 16
 <211> 19
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> 19 base pair clone
 <400> 16
 cagcatcact gtatgtgc 19

 <210> 17
 <211> 19
 <212> DNA
 <213> Artificial Sequence
 <220>

SEQUENCE LISTING for PCTSE2003001077-06.6.30

<223> 19 base pair clone	
<400> 17	
ctatcttcgt ggaggttg	19
<210> 18	
<211> 19	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> 19 base pair clone	
<400> 18	
ctatgaaggt ggtgatgcg	19
<210> 19	
<211> 19	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> 19 base pair clone	
<400> 19	
cttaattggt ggttgtagg	19
<210> 20	
<211> 19	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> 19 base pair clone	
<400> 20	
tggctgtatg tgagtggct	19
<210> 21	
<211> 19	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> 19 base pair clone	
<400> 21	
ttaatctctg gtgtcctaa	19
<210> 22	
<211> 19	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> 19 base pair clone	
<400> 22	
ttgtagggac ttggatgat	19
<210> 23	
<211> 15	
<212> DNA	
<213> Artificial Sequence	
<220>	
<223> Primer	
<400> 23	
aaaaattcga acccc	15
<210> 24	
<211> 50	
<212> DNA	
<213> Artificial Sequence	
<220>	

SEQUENCE LISTING for PCTSE2003001077-06.6.30

<221> misc-feature
 <222> (17)... (35)
 <223> n= a, "t", "c", or "g"
 <400> 24
 ccccttctag atttttnnnn nnnnnnnnnn nnnnnnaaaa ttcgaacccc 50

 <210> 25
 <211> 35
 <212> DNA
 <213> Artificial Sequence
 <220>
 <221> misc_feature
 <222> (11)... (29)
 <223> n= a, "t", "c", or "g"
 <400> 25
 gatctaataa nnnnnnnnnn nnnnnnnnnt tttta 35

 <210> 26
 <211> 35
 <212> DNA
 <213> Artificial Sequence
 <220>
 <221> misc_feature
 <222> (7)... (25)
 <223> n= a, "t", "c", or "g"
 <400> 26
 atttttnnnn nnnnnnnnnn nnnnnnaaaa ttcga 35

 <210> 27
 <211> 50
 <212> DNA
 <213> Artificial Sequence
 <220>
 <222> (17)... (35)
 <223> RNA coding sequence
 <400> 27
 ggggaagatc taaaaaataaatgaatcaa gaacattttt aagcttgggg 50

 <210> 28
 <211> 50
 <212> DNA
 <213> Artificial Sequence
 <220>
 <222> (17)... (35)
 <223> RNA coding sequence
 <400> 28
 ccccttctag atttttttat ttacttagtt cttgtaaaaa ttcgaacccc 50

 <210> 29
 <211> 35
 <212> DNA
 <213> Artificial Sequence
 <220>
 <222> (11)... (29)
 <223> RNA coding sequence
 <400> 29
 gatctaataa aataaatgaa tcaagaacat tttta 35

 <210> 30
 <211> 35
 <212> DNA
 <213> Artificial Sequence
 <220>

SEQUENCE LISTING for PCTSE2003001077-06.6.30

<222> (7)... (25)
 <223> RNA coding sequence
 <400> 30
 atttttttat ttacttagtt cttgtaaaaa ttcga 35

 <210> 31
 <211> 9
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> primer
 <400> 31
 ttcaagaga 9
 <
 <210> 32
 <211> 9
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> primer
 <400> 32
 aagttctct 9

 <210> 33
 <211> 18
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> primer
 <400> 33
 acaaagcttt tccaaaaa 18

 <210> 34
 <211> 19
 <212> DNA
 <213> Artificial Sequence
 <221> misc_feature
 <222> (1)...(19)
 <223> n= a, "t", "c", or "g"
 <400> 34
 nnnnnnnnnn nnnnnnnnn 19

 <210> 35
 <211> 36
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> hairpin
 <400> 35
 cacacgtgtc ttcgaacaca atgctaattct cttgaa 36

 <210> 36
 <211> 26
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Adapter
 <400> 36
 agcttactgc acccggggat cctggt 26

 <210> 37
 <211> 21
 <212> DNA

SEQUENCE LISTING for PCTSE2003001077-06.6.30

<213> Artificial Sequence
 <220>
 <223> Primer
 <400> 37
 aactggatcc ccggggtgca g 21

 <210> 38
 <211> 64
 <212> DNA
 <213> Artificial Sequence
 <220>
 <221> misc-feature
 <222> (8)...(26)
 <223> n= a, "t", "c", or"g"
 <220>
 <221> misc_feature
 <222> (36)...(54)
 <223> n= a, "t", "c", or"g"
 <400> 38
 gatcccccnnn nnnnnnnnnn nnnnnnttca agagannnnn nnnnnnnnnn nnnntttttg 60
 gaaa 64

 <210> 39
 <211> 64
 <212> DNA
 <213> Artificial Sequence
 <220>
 <221> misc_feature
 <222> (4)...(22)
 <223> n= a, "t", "c", or"g"
 <220>
 <221> misc_feature
 <222> (32)...(50)
 <223> n= a, "t", "c", or"g"
 <400> 39
 gggnnnnnnn nnnnnnnnnn nnaagttctc tnnnnnnnnn nnnnnnnnnn aaaaaccttt 60
 tcga 64

 <210> 40
 <211> 11
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> primer
 <400> 40
 tttttggatc c 11

 <210> 41
 <211> 41
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Hairpin
 <400> 41
 gggagatctt cgcttcaacg aagatctccc ggatccaaaa a 41

 <210> 42
 <211> 31
 <212> DNA
 <213> Artificial Sequence
 <220>
 <221> misc_feature
 <222> (8)...(26)
 <223> n= a, "t", "c", or"g"

SEQUENCE LISTING for PCTSE2003001077-06.6.30

<400> 42		
gatccccnnn nnnnnnnnnn nnnnnntttt t		31
<210> 43		
<211> 29		
<212> DNA		
<213> Artificial Sequence		
<220>		
<221> misc_feature		
<222> (1)...(19)		
<223> n= a, "t", "c", or "g"		
<400> 43		
nnnnnnnnnn nnnnnnnnt ttttgga	29	
<210> 44		
<211> 27		
<212> DNA		
<213> Artificial Sequence		
<220>		
<221> misc_feature		
<222> (4)...(22)		
<223> n= a, "t", "c", or "g"		
<400> 44		
gggnnnnnnn nnnnnnnnnn nnaaaaa	27	
<210> 45		
<211> 33		
<212> DNA		
<213> Artificial Sequence		
<220>		
<221> misc_feature		
<222> (1)...(19)		
<223> n= a, "t", "c", or "g"		
<400> 45		
nnnnnnnnnn nnnnnnnna aaaacctttt cga	33	